Creative Enzymes®

Native Human Creatine Kinase MM

Cat. No. NATE-1883

Lot. No. (See product label)

Introduction

Description	Human CK-MM isoenzyme also known as human CPK-3 isoenzyme is normally responsible for almost all human CPK enzyme activity in healthy people. When human (CK-MM) CKMM isoenzyme is elevated, this usually indicates injury or stress to skeletal muscle.
Synonyms	CKM; creatine kinase, muscle; CKMM; creatine kinase M-type; creatine kinase-M; creatine kinase M chain; CK-MM

Product Information

Species	Human
Source	Human Skeletal Muscle
Appearance	White to off-white powder
Form	Lyophilized from tris chloride, EDTA and DTT, pH 7.5.
EC Number	EC 2.7.3.2
CAS No.	9001-15-4
Purity	CK-MM: > 99% CK-MB: < 1% CK-BB: < 1%
Activity	> 100 U/mg
Specific Activity	> 500 U/mg protein
Contaminants	LDH: < 0.01% AST/GOT: < 0.01%
Unit Definition	One unit will catalyze the transphosphorylation of one micromole of phosphate from creatine phosphate to ADP per minute at 37°C.

Storage and Shipping Information

Storage	Store at -20° C
Stability	3 years